

2/23/04

SHEET 1 OF 3

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.  
APV31670

SERIAL NO.  
To be assigned

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Ranjan RAY

FILING DATE  
February 23, 2004

GROUP  
1742

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jm	5 1 6 3 4 9 8	11/92	Kantner et al.			
	3 6 8 3 9 9 6	08/72	Dunlop			
	3 5 6 7 8 9 6	03/71	Chang			
	4 0 0 5 1 6 3	01/77	Bokros			
	4 7 6 1 2 7 2	08/88	Hucke			
	5 9 2 4 4 7 0	07/99	Costilla-Vela et al.			
	5 9 6 4 0 9 1	10/99	Fukui et al.			
	4 1 2 9 4 6 2	12/78	Korenko			
	5 1 7 6 7 6 2	01/93	Berczik			
	5 4 8 9 4 1 1	02/96	Jha et al.			
	5 0 2 6 5 2 1	06/91	Kajimura et al.			
	5 6 6 5 2 6 2	09/97	Hajaligol et al.			
	5 2 2 6 9 4 6	07/93	Diehm et al.			
	4 6 7 0 2 0 1	06/87	Montgomery et al.			
	4 2 2 6 9 0 0	10/80	Carlson et al.			
jm	3 7 1 8 7 2 0	02/73	Lambdin, Jr. et al.			
	3 4 9 2 1 9 7	01/70	Olstowski et al.			
	3 2 5 6 5 7 4	06/66	Lirones			
	3 7 8 1 1 5 8	12/73	Leghorn			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER jm DATE CONSIDERED 12/20/06

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SHEET 2 OF 3

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. APV31670	SERIAL NO. To be assigned
	APPLICANT Ranjan RAY	
	FILING DATE February 23, 2004	GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>jm</i>	6	0	0	4	0	6	4	4	03/85	JP			Abstract Only	
<i>jm</i>	5	5	1	4	9	7	4	7	11/80	JP			Abstract Only	
<i>jm</i>		1	3	0	6	6	4	1	04/87	SU				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>jm</i>	USSN 10/143,920, Ranjan RAY et al., filed May 14, 2002
<i>jm</i>	USSN 10/151,871, Ranjan RAY et al., filed May 22, 2002
<i>jm</i>	USSN 60/463,736, Ranjan RAY et al., filed April 18, 2003

EXAMINER <i>jm m</i>	DATE CONSIDERED 12/20/06
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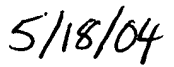
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jm	2 9 7 7 2 2 2	03/61	Bieber			
	3 2 4 1 2 0 0	03/66	Lirones			
	3 2 4 3 7 3 3	03/66	Hosman			
	3 2 6 5 5 7 4	08/66	Scolari			
	3 2 6 6 1 0 6	08/66	Lirones			
	3 2 9 6 6 6 6	01/67	Lirones			
	3 2 5 7 6 9 2	06/66	Operhall			
	3 3 2 1 0 0 5	05/67	Lirones			
	3 3 8 9 7 4 3	06/68	Morozov et al.			
	3 4 8 5 2 8 8	12/69	Zusman et al.			
	3 5 1 9 5 0 3	07/70	Moore et al.			
	3 5 4 7 6 7 6	12/70	Bokros et al.			
	3 9 0 0 5 4 0	08/75	Robba et al.			
	4 2 0 9 3 4 8	06/80	Duhl et al.			
	4 2 2 6 9 0 0	10/80	Carlson et al.			
	4 4 5 3 9 8 5	06/84	Gessinger et al.			
	4 5 7 4 0 1 5	03/86	Genereux et al.			
	4 5 7 9 6 0 2	01/86	Paulonis et al.			
	4 6 0 8 1 9 2	08/86	Su			
	4 6 1 2 0 6 2	09/86	Nazmy et al.			
jm	4 6 2 7 9 4 5	12/86	Winkelbauer et al.			
	4 7 1 9 0 8 0	01/88	Duhl et al.			
	4 7 6 9 0 8 7	09/88	Genereux et al.			
	5 5 2 5 2 7 6	06/96	Okuyama et al.			
	5 6 3 0 4 6 5	05/97	Feagin			
	5 7 0 5 1 3 9	01/98	Stiller et al.			

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ATTY. DOCKET NO.  
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10/782,927

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Ranjan RAY

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February 23, 2004

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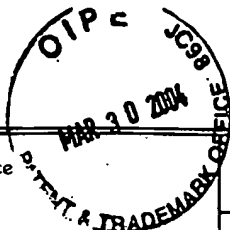
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>jm</i>	3 9 5 4 5 1 4	05/76	Webster et al.			
	3 9 5 4 5 1 6	05/76	Hu			
	4 4 0 6 7 1 5	09/83	Nakayama et al.			
	4 5 1 1 4 0 9	04/85	Ferton et al.			
	4 6 0 9 4 0 8	09/86	Rodrigues et al.			
	4 7 2 1 5 3 7	01/88	Ghosh			
	4 7 5 3 6 9 2	06/88	Kuroki et al.			
	4 8 8 9 7 7 2	12/89	Bergmann et al.			
	4 9 6 1 8 3 1	10/90	Bergmann et al.			
	4 9 6 1 8 3 2	10/90	Shagun et al.			
	4 9 6 3 2 3 9	10/90	Shimamura et al.			
	4 9 6 4 9 6 2	10/90	Nobutani et al.			
	4 9 6 4 9 6 8	10/90	Arita			
	4 9 6 4 9 6 9	10/90	Kusakabe et al.			
	4 9 7 1 6 7 4	11/90	Hata			
	4 9 6 3 2 4 0	10/90	Fukasawa et al.			
	4 9 6 6 6 7 6	10/90	Fukasawa et al.			
	5 0 7 9 9 0 7	01/92	Sameshima et al.			
	5 0 8 7 2 9 7	02/92	Pouliquen			
	5 4 6 8 3 0 5	11/95	Uchida et al.			
	6 4 0 2 9 1 2	06/02	Herrera et al.			
	6 4 9 4 9 9 9	12/02	Herrera et al.			
	6 5 8 5 8 7 0	07/03	Pitcher et al.			
<i>jm</i>	6 6 3 4 4 1 3	10/03	Ray et al.			
EXAMINER <i>jm</i>	DATE CONSIDERED 12/20/06					

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jm	4 6 0 9 4 0 8	09/86	Rodrigues et al.			
jm	4 7 2 1 5 3 7	01/88	Ghosh			
jm	4 7 5 3 6 9 2	06/88	Kuroki et al.			
jm	4 8 8 9 7 7 2	12/89	Bergmann et al.			
jm	4 9 6 1 8 3 1	10/90	Bergmann et al.			
jm	4 9 6 1 8 3 2	10/90	Shagun et al.			
jm	4 9 6 3 2 3 9	10/90	Shimamura et al.			
jm	4 9 6 4 9 6 2	10/90	Nobutani et al.			
jm	4 9 6 4 9 6 8	10/90	Arita			
jm	4 9 6 4 9 6 9	10/90	Kusakabe et al.			
jm	4 9 7 1 6 7 4	11/90	Hata			
jm	4 9 6 3 2 4 0	10/90	Fukasawa et al.			
jm	4 9 6 6 6 7 6	10/90	Fukasawa et al.			
jm	5 0 7 9 9 0 7	01/92	Sameshima et al.			
jm	5 0 8 7 2 9 7	02/92	Pouliquen			
jm	5 4 6 8 3 0 5	11/95	Uchida et al.			
jm	6 4 0 2 9 1 2	06/02	Herrera et al.			
jm	6 4 9 4 9 9 9	12/02	Herrera et al.			
jm	6 5 8 5 8 7 0	07/03	Pitcher et al.			

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[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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